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*Synopsis of several Bills of Mortality, by Rév. JOSEPH
M'KEAN, A.A.S. President of Bowdoin College.*

Place and time of obfervation.	No. of dths.	Un- der 1 y.	Bet. 1 & 5	5 & 10	10 & 20	20 & 30	30 & 40	40 & 50	50 & 60	60 & 70	70 & 80	80 & 90	90 & 100	Ab. 100
Roxbury, 1st parifh, from 1783 to the end of 1793. 11 years.	245	41	47	3	14	30	25	13	15	20	23	13	1	0
Marblehead, 2d parifh, 1787 to 1792. 6 years.	337	75	78	16	13	28	30	27	22	24	13	12	2	0
Stow, 1775 to 1796. 22 years.	266	46	57	27	23	21	11	11	13	11	27	16	3	0
Brimfield, 1775 to 1789. except 1785. 14 years.	212	42	33	15	17	23	18	15	9	8	12	17	3	0
Westfield, 1782 to 1791. 10 years.	234	46	30	13	20	24	17	11	12	20	24	12	5	0
East Kingfton, 1740 to 1771. 32 years.	283	62	62	27	24	26	19	22	16	9	11	5	0	0
Barnftable, East precinct, 1786 to 1795, except 1793. 9 years.	168	32	21	2	8	14	9	11	15	16	25	13	2	0
Hamilton, 1772 to 1796. 25 years.	294	63	29	5	23	25	16	22	20	30	23	30	6	2
Exeter, 1784 to 1788. 5 years.	126	18	14	5	9	17	10	10	6	11	12	12	2	0
Salem, 1783 and 1784, 304 deaths, ages unknown 13, reckon only	291	71	76	16	10	32	21	20	11	11	15	8	0	0
Edgartown, 1761 to 1791. 31 years.	367	97	50	3	16	46	17	27	14	19	16	19	4 cert. 16 3 unc.	
Beverly, 1st parifh, 1785 to 1797. 13 years.	589	139	112	29	23	59	56	31	31	39	33	32	5	0
Total,	3412	732	606	161	200	345	249	210	184	218	254	205	36	2

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Place and time of observation.	No. of dths.	und. 1 year.	bet. 1 & 5	5 & 10	10 & 20	20 & 30	30 & 40	40 & 50	50 & 60	60 & 70	70 & 80	80 & 90	90 & 100	Ab- s.
Ipswich, 1st and S. parish, 1786, 7.	85	15	8	3	5	10	7	6	3	5	14	8	10	
Salisbury, 1786 to 1788. 3 years.	77	11	8	6	6	6	2	8	2	8	11	8	10	
Montague, 1786 to 1791. 6 years.	59	15	10	0	2	5	8	6	1	3	4	4	10	
Northborough, 1786 to 1791. 7 years.	52	11	3	2	11	5	5	5	2	1	8	6	30	
Hanover, 1786 to 1789. 4 years.	51	4	6	0	4	6	6	4	2	1	4	12	20	
Gloucester, 1786.	42	3	5	3	3	8	4	5	3	2	4	2	00	
Brookfield, 3d parish, 1786 to 1789. 4 years.	41	6	13	1	2	4	0	3	3	5	2	2	20	
Cambridge, 3d parish, 1786 to 1789. 4 years.	29	5	5	0	4	2	4	4	0	0	2	1	20	
Cambridge, Dr. Rand's observations, 1786 to 1788. 3 years.	26	1	7	2	1	1	3	1	1	4	2	3	00	
Fryburg, 1786 to 1790. 5 years.	25	8	4	3	1	0	3	1	2	0	3	0	00	
Wenham, 1786 and 1787.	21	1	4	2	0	0	2	1	0	3	5	3	00	
Wilmington, 1786 and 1787.	19	2	2	1	1	2	2	0	1	3	2	2	00	
Northampton, 1786.	19	4	2	0	1	3	1	1	1	2	2	2	00	
Newbury, 2d parish, 1786 and 1787.	13	4	1	0	2	4	1	1	0	0	0	0	00	
Reading, 1st parish, 1786.	8	2	0	0	0	1	1	0	2	1	1	0	00	
Weymouth, S. parish, 1786.	8	3	0	0	0	0	1	1	1	0	2	0	00	
West Hampton, 1786.	4	1	2	0	0	1	0	0	0	0	0	0	00	
Brought over,	579 3412	96 732	80 606	23 161	33 200	58 345	50 249	47 220	24 184	36 218	67 254	53 205	120 362	
Total,	3991	828	686	184	235	405	299	267	208	254	321	258	482	

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Synopsis of several Bills of Mortality.

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The Bills from Hampton, Dover, Waltham, and Newton, give the number of deaths under 2 years, and between 2 and 5.

Place and time of observation.	No. of dths.	und. 2 y'rs.	bet. 2 & 5	5 & 10	10 & 20	20 & 30	30 & 40	40 & 50	50 & 60	60 & 70	70 & 80	80 & 90	90 & 100	ab.
Hampton, 1735 to 1763.	624	166	65	53	62	50	35	23	23	43	59	30	15	0
From 1767 to Oct. 31, 1791.	260	58	14	10	11	27	8	15	13	19	41	36	8	0
Dover, 1767 to Sept. 1786.	377	93	29	21	18	24	24	27	19	37	48	31	5	1
Waltham, 1767 to 1788.	244	62	20	13	19	18	18	17	13	13	25	22	4	0
Newton, east part, 1782 to 1791. 10 years.	149	29	4	7	3	12	8	13	9	8	16	14	4	0
Total,	1634	408	132	104	115	131	93	95	77	140	189	133	36	1

The Bills from Falmouth, W. Springfield, Hatfield, Ashburnham, and one from Marblehead, give in one number the deaths under 5 years of age.

Place and time of observation.	No. of dths.	und. 5 y'rs.	bet. 5 & 10	10 & 20	20 & 30	30 & 40	40 & 50	50 & 60	60 & 70	70 & 80	80 & 90	90 & 100	ab.
Falmouth, 11 th parish, from 1769 to 1783.	340	128	15	17	42	39	19	19	22	14	4	1	0
W. Springfield, 1770 to 1785. * 12 of these died in the army.	209	98	13	10	19	9	9	3	14	21	11	2	0
Hatfield, from 4 th March, 1772, to 4 th March, 1792.	201	77	17	13	11	9	5	12	17	20	16	4	0
Ashburnham, from 1769 to 1786. † 8 of these died in the army.	136	85	2	5	20	5	1	1	3	8	5	1	0
Marblehead, 2d parish, 1786.	65	38	2	4	3	3	5	4	3	1	2	0	0
Total,	951	446	49	49	95	65	39	39	59	64	38	8	0

The

The whole number of deaths on the preceding bills is 6576, which happened at the following periods of life.

Under 5 years of age,	2500	Living at birth,	6576
Between 5 and 10	337	at 5 years,	4076
10 and 20	397	10	3739
20 and 30	629	20	3342
30 and 40	457	30	2713
40 and 50	401	40	2256
50 and 60	324	50	1855
60 and 70	433	60	1531
70 and 80	574	70	1098
80 and 90	429	80	524
90 and 100	92	90	95
Above 100	3	100	3

Stillborn infants, and deaths abroad, have been rejected, when they could be distinguished. In the 828 deaths, which are said to have happened in the first year of life, some still-born are included ; but it is thought the number is not considerable. In the bills from Marblehead, about 12 or 15 deaths are supposed to have happened abroad, which could not be distinguished. In the observations of several years at Edgartown, which were communicated in one bill to the Academy, the ages of those who were upwards of 70, are not particularly noted. It is said 39 were 70 years of age and upwards. The distribution of these to the following periods was made in the usual proportion ; but marked as uncertain. This is the only instance in which any thing has been done

by conjecture. All the other ages in the Synopsis are agreeable to the bills. The laws, by which the waste of human life is governed, are to be learned from facts, not hypothesis.

*Deductions from select Bills of Mortality, by Rev. JOSEPH
McKEAN, A.A.S. President of Bowdoin College.*

THE following tables were formed from observations made in Hatfield, from March, 1772, to March, 1792; in Stow, from Jan. 1775, to Jan. 1797; in the East precinct of Barnstable, from Jan. 1786, to Jan. 1796, except 1793; in Hamilton, from Jan. 1772, to Jan. 1797; and in the first parish of Beverly, from Jan. 1785, to Jan. 1799.

Age.	Hatfield.		Stow.		Barnstable E.P.		Hamilton.		Beverly, 1st parish.	
years	No. on the bills	Ann'l decr't	No. on the bills	Ann'l decr't	No. on the bills	Ann'l decr't	No. on the bills	Ann'l decr't	No. on the bills	Annual decrement.
0	201	45	266	46	168	32	294	63	634	152
1	156	16	220	26	136	8	231	13	482	64
2	140	7	194	14	128	6	218	7	418	30
3	133	5	180	10	122	4	211	7	388	12
4	128	4	170	7	118	3	204	2	376	13
5	124	4	163	7	115	1	202	1	363	12
6	120	3	156	6	114	0	201	1	351	6
7	117	4	150	6	114	0	200	3	345	2
8	113	3	144	5	114	1	197	0	343	6
9	110	3	139	3	113	0	197	0	337	4
10	107	2	136	2	113	0	197	3	333	2
11	105	1	134	2	113	0	194	0	331	1
12	104	1	132	2	113	1	193	4	330	1
13	103	1	130	2	112	0	190	2	329	2
14	102	1	128	2	112	1	188	1	327	1